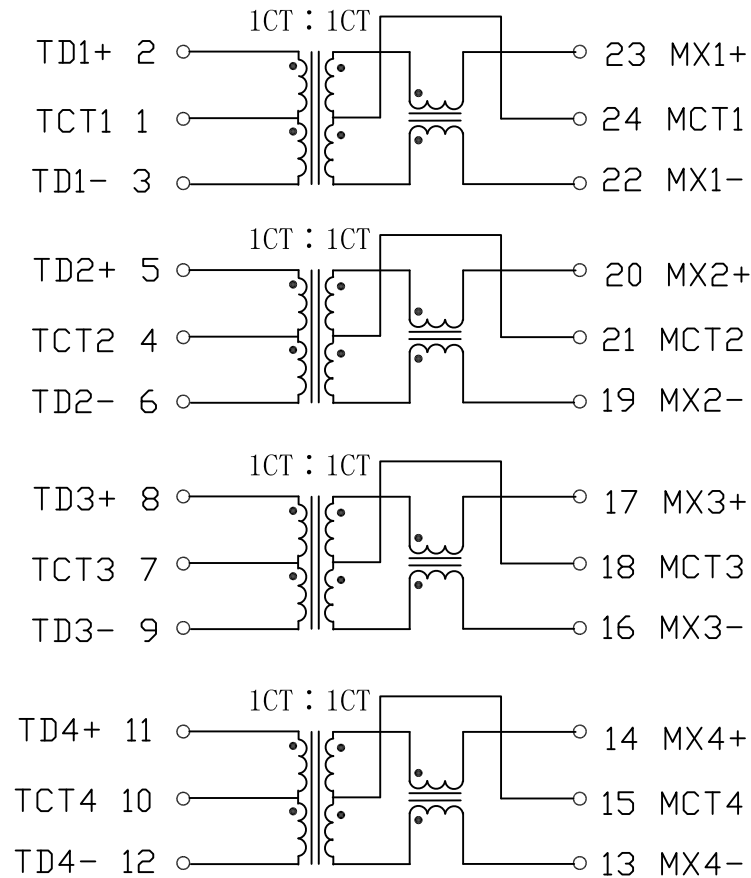


Schematic:



Electrical Specifications @25°C

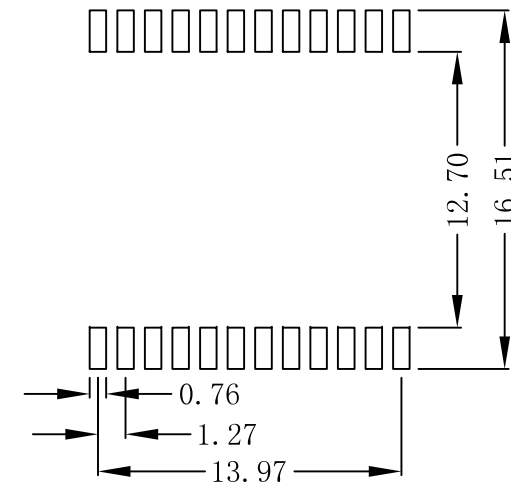
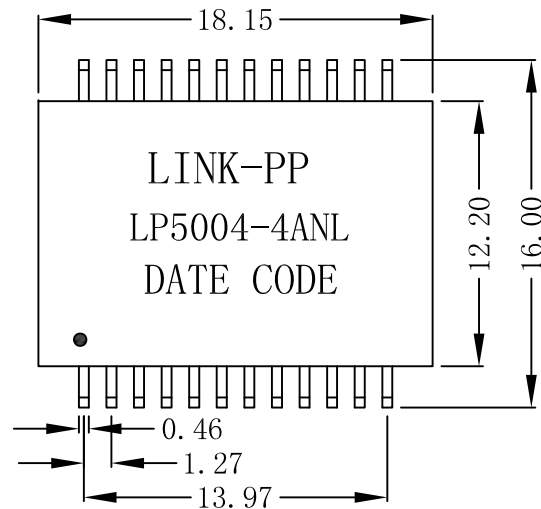
- Turns Ratio:
Pri : Sec = 1CT : 1CT
- OCL: 350uH Min
@100KHz, 100mV, 8mADC Bias
- Insertion Loss:
1-100MHz:-1.0dB MAX
- Return Loss(dB MIN @100 Ω):
1-30MHz:-18 40MHz:-18
50MHz:-16 60-80MHz:-12
100MHz:-10
- Crosstalk(dB MIN):
30MHz:-45 60MHz:-40
100MHz:-35
- DCMR(dB MIN):
30MHz:-43 60MHz:-37
100MHz:-33
- Hipot: 4000Vrms MIN
- Operating Temperature: -40°C ~ +85°C.



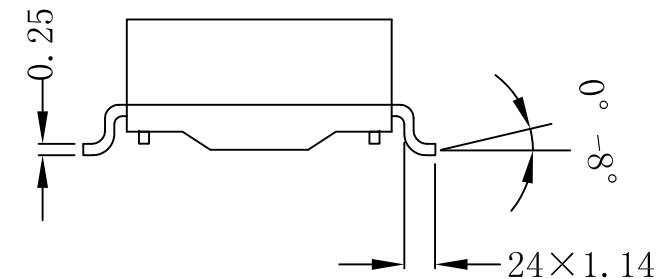
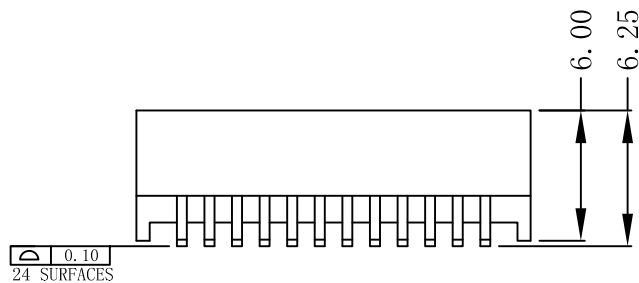
X:X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD:		
X:XXX	DR: TOM	TITLE: 1000Base-T Magnetic Modules	
ANGLES ±1°	UNIT: mm	PART NO.: LP5004-4ANL	
	SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: LP21032701

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2021-03-27	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Maximum reflow temperature is 250°C, 5 Sec.
4. UL Certification: File Number E484635.



X: X	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X: XX ±0.25	CHKD:	TITLE: 1000Base-T Magnetic Modules		
X: XXX	DR: TOM	PART NO.: LP5004-4ANL		
ANGLES ±1°	UNIT: mm	DWG NO.: LP21032701		
	SCALE: 2/1	SHEET: 2/2	REV: A	